n	7211							page 5
	CAS No.	Ingredient	zzzzzzzzzzzzzzzzzzzzzzzzzzzzzzzzzzzzzz			=======================================		
	67-63-0	2-Propanol	LC50	RAT	4 HR	Not Avai		
	111-76-2	2-Butoxyet	LD50 hanol LC50	RAT RAT	4 HR	5045 Not Avai	mg/kg	
	115-10-6	Dimethyl E	LD50	RAT	,	470	mg/kg	='
n			LC50	RAT	4 HR	Not Avai		
	1332-58-7	Kaolin	. LD50	RAT		Not Avai		
~			LC50 LD50	RAT RAT	4 HR	Not Avai		
	1333-86-4	Carbon Blac	ck.					
ات			LC50 LD50	RAT RAT	4 HR	Not Avai		=
اديرا		=== === =====					reess	; :=========
5	Secti	on 12 ECO	LOGICAL :	INFORMA:	rion			
انتا	ECOTOXI COLOGICA	L INFORMATION	N					
極	No data available.							
side	Section 13 DISPOSAL CONSIDERATIONS				·========			
_	Secti	on 13 D121	POSAL COI	NSIDERA:				
	WASTE DISPOSAL METHOD Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.							
	Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers. Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State, and Local regulations regarding pollution.							
ജ						=========		
3.	Secti	on 14 TRAN	NSPORT II	NEORMAI'	LON 			
	No data available.							
	Section 15 -~ REGULATORY INFORMATION							
	SARA 313 (40 CF	R 372.65C) St	JPPLIER I	NOTIFICA	ATION			
	CAS No.	CHEMICAL/CO	DMPOUND			₹ by	/ WI	% Element
æ	Gl	ycol Ethers					, ,	
		is product co						
	California to control of the TSCA CERTIFICAT All chemical on the TSCA Investor	ION s in this pro				_		
الشا	Continued on page 6							

.......... 7211 ________ Section 16 -- OTHER INFORMATION This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR. The above information pertains to this product as currently formulated,

and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume

no liability in connection with any use of this information.

Material Safety Data Sheet

24 Hour Assistance: 1-847-367-7700 Rust-Oleum Corp. www.rustoleum.com

Section 1 - Chemical Product / Company Information

Product Name:

Rust-Oleum American Accents Country

Revision Date: 05/04/2004

Identification

Home Collection Aerosol 7960830, 7961830, 7962830, 7963830,

7964830, 7965830, 7966830, 7967830

Number: Product Use/Class: Topcoats/Aerosol

Supplier:

Rust-Oleum Corporation

Manufacturer:

Rust-Oleum Corporation

11 Hawthorn Parkway

11 Hawthorn Parkway Vernon Hills, IL 60061

Vernon Hills, IL 60061

USA

Preparer:

Department, Regulatory

Section 2 - Composition / Information On Ingredients

Chemical Name	CAS Number	Weight % Less Than	ACGIH TLV-TWA	ACGIH TLV-STEL	OSHA PEL-TWA	OSHA PEL-CEILING
Acetone	67-64-1	30.0	500 PPM	750 PPM	750 PPM	N.E.
Liquified Petroleum Gas	68476-86-8	30.0	1000 PPM	N.E.	1000 PPM	N.E.
Xylene	1330-20-7	20.0	100 PPM	150 PPM	100 PPM	N.E.
Titanium Dioxide	13463-67 -7	15.0	10 mg/m3	N.E.	10 mg/m3	N.E.
Aliphatic Petroleum Distillates	64742-89-8	10.0	400 PPM	N.E.	400 PPM	N.E.
Toluene	108-88-3	10.0	50 PPM	N.E.	200 PPM	300 PPM
Magnesium Silicate	14807-96-6	10.0	10 mg/m3	N.E.	15 mg/m3	N.E.
Ethylbenzene	100-41-4	10.0	100 PPM	125 PPM	100 PPM	N.E.
Pigment Red 170	2786-76-7	5.0	N.E.	N.E.	N.E.	N.E.

Section 3 - Hazards Identification

*** Emergency Overview ***: Contents Under Pressure. Harmful if inhaled. May affect the brain or nervous system causing dizziness, headache or nausea. Vapors may cause flash fire or explosion. Extremely flammable liquid and vapor. Harmful if swallowed.

Effects Of Overexposure - Eye Contact: Causes eye irritation.

Effects Of Overexposure - Skin Contact: Prolonged or repeated contact may cause skin irritation. Substance may cause slight skin irritation.

Effects Of Overexposure - Inhalation: High vapor concentrations are irritating to the eyes, nose, throat and lungs. Avoid breathing vapors or mists. High gas, vapor, mist or dust concentrations may be harmful if inhaled. Harmful if inhaled.

Effects Of Overexposure - Ingestion: Aspiration hazard if swallowed; can enter lungs and cause damage. Substance may be harmful if swallowed.

Effects Of Overexposure - Chronic Hazards: IARC lists Ethylbenzene as a possible human carcinogen (group 2B). May cause central nervous system disorder (e.g.,narcosis involving a loss of coordination, weakness, fatigue,

mental confusion, and blurred vision) and/or damage. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Overexposure to xylene in laboratory animals has been associated with liver abnormalities, kidney, lung, spleen, eye and blood damage as well as reproductive disorders. Effects in humans, due to chronic overexposure, have included liver, cardiac abnormalities and nervous system damage. Overexposure to toluene in laboratory animals has been associated with liver abnormalities, kidney, lung and spleen damage. Effects in humans have included liver and cardiac abnormalities.

Primary Route(s) Of Entry: Skin Contact, Skin Absorption, Inhalation, Eye Contact

Section 4 - First Aid Measures

First Aid - Eye Contact: Hold eyelids apart and flush with plenty of water for at least 15 minutes. Get medical attention.

First Aid - Skin Contact: Wash with soap and water. Get medical attention if irritation develops or persists.

First Aid - Inhalation: If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

First Aid - Ingestion: Aspiration hazard: Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. Get immediate medical attention.

Section 5 - Fire Fighting Measures

Flash Point: -156 F

(Setaflash)

LOWER EXPLOSIVE LIMIT: 0.9 %

UPPER EXPLOSIVE LIMIT: 12.8 %

Extinguishing Media: Dry Chemical, Foam, Water Fog

Unusual Fire And Explosion Hazards: Closed containers may explode when exposed to extreme heat. Vapors may form explosive mixtures with air. Vapors can travel to a source of ignition and flash back. Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Perforation of the pressurized container may cause bursting of the can. Water spray may be ineffective. FLASH POINT IS LESS THAN 20 °. F. - EXTREMELY FLAMMABLE LIQUID AND VAPOR!

Special Firefighting Procedures: Evacuate area and fight fire from a safe distance.

Section 6 - Accidental Release Measures

Steps To Be Taken If Material Is Released Or Spilled: Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. Remove all sources of ignition, ventilate area and remove with inert absorbent and non-sparking tools. Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers.

Section 7 - Handling And Storage

Handling: Wash thoroughly after handling. Wash hands before eating. Use only in a well-ventilated area. Avoid breathing vapor or mist. Follow all MSDS/label precautions even after container is emptied because it may retain product residues.

Storage: Do not store above 120 ° F. Store large quantities in buildings designed and protected for storage of

NFPA Class I flammable liquids. Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Contents under pressure. Do not expose to heat or store above 120 ° F.

Section 8 - Exposure Controls / Personal Protection

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof ventilation equipment. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

Respiratory Protection: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

Skin Protection: Nitrile or Neoprene gloves may afford adequate skin protection. Use impervious gloves to prevent skin contact and absorption of this material through the skin.

Eye Protection: Use safety eyewear designed to protect against splash of liquids.

Other protective equipment: Refer to safety supervisor or industrial hygienist for further information regarding personal protective equipment and its application.

Hygienic Practices: Wash thoroughly with soap and water before eating, drinking or smoking.

Section 9 - Physical And Chemical Properties

Boiling Range:

-44 - 338 F

Vapor Density:

Heavier than air

Odor:

Solvent Like

Odor Threshold:

ND

Appearance:

Liquid

Evaporation Rate:

Faster than Ether

Solubility in H2O:

Slight

Specific Gravity:

0.9870

Freeze Point:

ND

PH:

NE

Vapor Pressure: Physical State:

Liquid

(See section 16 for abbreviation legend)

Section 10 - Stability And Reactivity

Conditions To Avoid: Avoid all possible sources of ignition. Avoid temperatures above 120 ° F.

Incompatibility: Incompatible with strong oxidizing agents, strong acids and strong alkalies.

Hazardous Decomposition: When heated to decomposition it emits acrid smoke and irritating fumes. By open flame, carbon monoxide and carbon dioxide.

Hazardous Polymerization: Will not occur under normal conditions.

Stability: This product is stable under normal storage conditions.

Section 11 - Toxicological Information

Product LD50: ND

Product LC50: ND

50 <u>LC5</u> . N.D.	2
. N.D. 00 mg/kg N.D.	

(UKAL, KAT)

Aliphatic Petroleum Distillates N.D. N.D. Toluene N.D. N.D. Magnesium Silicate TCLo:11mg/m3 N.D.

inh.

N.D.

3500 mg/kg Ethylbenzene

(ORAL, RAT)

Pigment Red 170 > 10000 mg/kg N.D.

(ORAL, RAT)

Section 12 - Ecological Information

Ecological Information: Product is a mixture of listed components.

Section 13 - Disposal Information

Disposal Information: Dispose of material in accordance to local, state and federal regulations and ordinances. Do not allow to enter storm drains or sewer systems.

Section 14 - Transportation Information

DOT Proper Shipping Name: Aerosol Packing Group: DOT Technical Name: Hazard Subclass: 1 **DOT Hazard Class:** Resp. Guide Page: 126

DOT UN/NA Number: **UN 1950**

Section 15 - Regulatory Information

CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE HEALTH HAZARD, CHRONIC HEALTH HAZARD, FIRE HAZARD

SARA Section 313:

Page 5 of 6 Listed below are the substances (if any) contained in this product that are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372: **Chemical Name** CAS Number 1330-20-7 **Xvlene** Toluene 108-88-3 100-41-4 Ethylbenzene **Toxic Substances Control Act:** Listed below are the substances (if any) contained in this product that are subject to the reporting requirements of TSCA 12(B) if exported from the United States: None known U.S. State Regulations: As follows -New Jersey Right-to-Know: The following materials are non-hazardous, but are among the top five components in this product. Chemical Name CAS Number Modified Alkyd **PROPRIETARY** Pennsylvania Right-to-Know: The following non-hazardous ingredients are present in the product at greater than 3%. **Chemical Name CAS Number** Modified Alkyd PROPRIETARY California Proposition 65: Warning: The following ingredients present in the product are known to the state of California to cause Cancer: **Chemical Name CAS Number** 14808-60-7 Microcrystalline Silica Benzene 71-43-2 NOT SPECIFIED **Arsenic Compounds** Cadmium Compounds NOT SPECIFIED Acetaldehyde 75-07-0 Beryllium Compounds NOT SPECIFIED **Nickel Compounds** NOT SPECIFIED Chromium (Hexavalent) Compounds NOT SPECIFIED NOT SPECIFIED Lead Compounds 50-00-0 Formaldehyde Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards. CAS Number Chemical Name

Toluene

108-88-3

Benzene
Arsenic Compounds
Cadmium Compounds
Mercury Compounds
Lead Compounds

71-43-2 NOT SPECIFIED NOT SPECIFIED NOT SPECIFIED NOT SPECIFIED

International Regulations: As follows -

CANADIAN WHMIS:

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

CANADIAN WHMIS CLASS: AB5 D2A D2B

Section 16 - Other Information

HMIS Ratings:

Health: 2*

Flammability: 4

Reactivity: 0

Personal Protection: X

VOLATILE ORGANIC COMPOUNDS, g/I: NA

REASON FOR REVISION:

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The information contained on this MSDS has been checked and should be accurate. However, it is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.

Material Safety Data Sheet

24 Hour Assistance: 1-847-367-7700 Rust-Oleum Corp. www.rustoleum.com

Section 1 - Chemical Product / Company Information

Product Name:

Rust-Oleum High Performance

Industrial Enamel Topcoats

Revision Date: 09/18/2003

1210300, 1210402, 1210504, 1282300, 1282402, 1282504, 2764300, 2764402, 2766300, 2766402, 2766504, 412300, 412402, 412504, 559300, 559402, 634300, 634402, 634504, 721300, 721402, 721504, 7232402, 7280300, 7280402, 7290402, 7434300, 7434402, 7446300, 7446402, 7447402, 7448402,

Identification Number:

7446300, 7446402, 7447402, 744840 745300, 745402, 8494402, 865300, 865402, 865504, 865504, 866300, 866402, 904300, 904402, 906300, 906402, 906504, 925300, 925402, 925504, 933402, 935300, 935402,

944300, 944402, 944504, 956300, 956402, 956504, 964300, 964402, 964504, 975300, 975402, 975504, 9777300, 977402, 977504

977300, 977402, 977504

Product Use/Class: Topcoat/Alkyd

Supplier:

Rust-Oleum Corporation

11 Hawthorn Parkway

Vernon Hills, IL 60061

USA

Preparer:

Department, Regulatory

Manufacturer:

Rust-Oleum Corporation

11 Hawthorn Parkway Vernon Hills, IL 60061

USA

Section 2 - Composition / Information On Ingredients

Chemical Name	CAS Number	Weight % Less Than	ACGIH TLV-TWA	ACGIH TLV-STEL	OSHA PEL-TWA	OSHA PEL-CEILING
Stoddard Solvents	8052-41-3	50.0	100 PPM	N.E.	500 PPM	N.E.
Alkyd Resin	PROPRIETARY	35.0	N.E.	N.E.	N.Ę.	N.E.
Alkyd Resin	PROPRIETARY	30.0	N.E.	N.E.	N.E.	N.E.
Titanium Dioxide	13463-67-7	25.0	10 mg/m3	N.E.	10 mg/m3	N.E.
Calcined Aluminum Silicate	1332-58-7	20.0	2 mg/m3	N.E.	5 mg/m3	N.E.
Red Iron Oxide	1332-37-2	10.0	10 mg/m3	N.E.	15 mg/m3	N.E.
Pigment Orange 5	3468-63-1	10.0	N.E.	N.E.	5 mg/m3 respirable dust	N.E.
Magnesium Silicate	14807-96-6	10.0	10 mg/m3	N.E.	15 mg/m3	N.E.
Pigment Black 7	1333-86-4	5.0	3.5 mg/m3	N.E.	3.5 mg/m3	N.E.
Black Iron Oxide	1317-61-9	5.0	10 mg/m3	N.E.	15 mg/m3	N.E.
Pigment Red 170	2786-76-7	5.0	N.E.	N.E.	N.E.	N.E.
Organociay	MIXTURE	5.0	N.E.	N.E.	N.E.	N.E.
Pigment Orange 34	15793-73-4	5.0	2 mg/m3	N.E.	5 mg/m3	N.E.
Pigment Green 7	1328-53-6	5.0	N.E.	N.E.	N.E.	N.E.

Section 3 - Hazards Identification

*** Emergency Overview ***: Combustible liquid and vapor. Harmful if inhaled. May affect the brain or nervous system causing dizziness, headache or nausea. Suspect cancer hazard. Harmful if swallowed. Causes eye irritation. Vapors irritating to eyes and respiratory tract.

Effects Of Overexposure - Eye Contact: Causes eye irritation.

Effects Of Overexposure - Skin Contact: May cause skin irritation.

Effects Of Overexposure - Inhalation: Harmful if inhaled. May cause headaches and dizziness. High vapor concentrations are irritating to the eyes, nose, throat and lungs.

Effects Of Overexposure - Ingestion: Aspiration hazard if swallowed; can enter lungs and cause damage. Substance may be harmful if swallowed.

Effects Of Overexposure - Chronic Hazards: Suspect cancer hazard—contains material which may cause cancer. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

Contains carbon black. Chronic inflammation, lung fibrosis, and lung tumors have been observed in some rats experimentally exposed for long periods of time to excessive concentrations of carbon black and several insoluble fine dust particles. Tumors have not been observed in other animal species (i.e., mouse and hampster) under similar circumstances and study conditions. Epidemiological studies of North American workers show no evidence of clinically significant adverse health effects due to occupational exposure to carbon black.

Carbon black is listed as a Group 2B-"Possibly carcinogenic to humans" by IARC and is proposed to be listed as A4- "not classified as a human carcinogen" by the American Conference of Governmental Industrial Hygienists. Significant exposure is not anticipated during brush application or drying. Risk of overexposure depends on duration and level of exposure to dust from repeated sanding of surfaces or spray mist and the actual concentration of carbon black in the formula.

Primary Route(s) Of Entry: Skin Contact, Skin Absorption, Inhalation, Ingestion, Eye Contact

Section 4 - First Aid Measures

First Aid - Eye Contact: Hold eyelids apart and flush with plenty of water for at least 15 minutes. Get medical attention.

First Aid - Skin Contact: Wash with soap and water. Get medical attention if irritation develops or persists.

First Aid - Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

First Aid - Ingestion: Aspiration hazard: Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. Get immediate medical attention.

Section 5 - Fire Fighting Measures

Flash Point: 104 F (Setaflash)

LOWER EXPLOSIVE LIMIT: 0.9 % UPPER EXPLOSIVE LIMIT: 22.7 %

Extinguishing Media: Carbon Dioxide, Dry Chemical, Foam, Water Fog

Unusual Fire And Explosion Hazards: Keep containers tightly closed.

Special Firefighting Procedures: Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion. Evacuate area and fight fire from a safe distance.

Section 6 - Accidental Release Measures

Steps To Be Taken If Material Is Released Or Spilled: Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers. Contain spilled liquid with sand or earth, DO NOT use combustible materials such as sawdust.

Section 7 - Handling And Storage

Handling: Avoid breathing vapor or mist. Wash thoroughly after handling. Avoid contact with eyes. Wash hands before eating. Follow all MSDS/label precautions even after container is emptied because it may retain product residues.

Storage: Keep away from heat, sparks, flame and sources of ignition. Keep container closed when not in use. Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame.

Section 8 - Exposure Controls / Personal Protection

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

Respiratory Protection: A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection. A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Skin Protection: Nitrile or Neoprene gloves may afford adequate skin protection. Use impervious gloves to prevent skin contact and absorption of this material through the skin.

Eye Protection: Use safety eyewear designed to protect against splash of liquids.

Other protective equipment: Refer to safety supervisor or industrial hygienist for further information regarding personal protective equipment and its application.

Hygienic Practices: Wash thoroughly with soap and water before eating, drinking or smoking.

Section 9 - Physical And Chemical Properties

Boiling Range:

232 - 400 F

Vapor Density:

Heavier than air

Odor:

Solvent Like

Odor Threshold:

ND

Appearance:

Liquid

Evaporation Rate:

Slower than Ether

Solubility in H2O:

Slight

Specific Gravity:

1.0800

Freeze Point:

ND

PH:

NE

Vapor Pressure:

Physical State:

Liquid

(See section 16 for abbreviation legend)

Section 10 - Stability And Reactivity

Conditions To Avoid: Avoid all possible sources of ignition.

Incompatibility: Incompatible with strong oxidizing agents, strong acids and strong alkalies.

Hazardous Decomposition: When heated to decomposition it emits acrid smoke and irritating fumes. By open flame, carbon monoxide and carbon dioxide.

Hazardous Polymerization: Will not occur under normal conditions.

Stability: This product is stable under normal storage conditions.

Section 11 - Toxicological Information

Product LD50: ND Product LC50: ND

Chemical Name Stoddard Solvents	LD50 N.D.	<u>LC50</u> N.D.
Alkyd Resin	N.D.	N.D.
Alkyd Resin	N.D.	N.D.
Titanium Dioxide	>7500 mg/kg (ORAL, RAT)	N.D.
Calcined Aluminum Silicate	N.D.	N.D.
Red Iron Oxide	N.D.	N.D.
Pigment Orange 5	>10,000 mg/kg (ORAL, RAT)	N.D.
Magnesium Silicate	N.D.	TCLo:11mg/m3 inh.
Pigment Black 7	>8000 mg/kg (ORAL, RAT)	N.D.
Black Iron Oxide	N.D.	N.D.
Pigment Red 170	> 10000 mg/kg (ORAL, RAT)	N.D.
Organoclay	N.D.	N.D.
Pigment Orange 34	15000 mg/kg (ORAL, RAT)	N.D.
Pigment Green 7	>5000 mg/kg (ORAL, RAT)	N.D.

Section 12 - Ecological Information

Ecological Information: Product is a mixture of listed components.

Section 13 - Disposal Information

Disposal Information: Dispose of material in accordance to local, state and federal regulations and ordinances. Do not allow to enter storm drains or sewer systems.

Section 14 - Transportation Information

DOT Proper Shipping Name:

Paint

Packing Group:

Ш

DOT Technical Name:

3

Hazard Subclass:

_

DOT Hazard Class: DOT UN/NA Number:

UN 1263

Resp. Guide Page: 127

Section 15 - Regulatory Information

CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE HEALTH HAZARD, CHRONIC HEALTH HAZARD, FIRE HAZARD

SARA Section 313:

Listed below are the substances (if any) contained in this product that are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

Chemical Name

Pigment Green 7

CAS Number

1328-53-6

Toxic Substances Control Act:

Listed below are the substances (if any) contained in this product that are subject to the reporting requirements of TSCA 12(B) if exported from the United States:

None known

U.S. State Regulations: As follows -

New Jersey Right-to-Know:

The following materials are non-hazardous, but are among the top five components in this product.

Chemical Name

Calcium Carbonate

CAS Number

1317-65-3

Pennsylvania Right-to-Know:

The following non-hazardous ingredients are present in the product at greater than 3%.

<u>Chemical Name</u>

CAS Number

Calcium Carbonate Pigment Red 3 1317-65-3 2425-85-6

Yellow Iron Oxide

51274-00-1

Pigment Yellow 74

6358-31-2

Iron Oxide

1309-37-1

California Proposition 65:

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

Chemical Name	CAS Number
Chlorothalonil	1897-45-6
Microcrystalline Silica	14808-60-7
Beryllium Compounds	NOT SPECIFIED
Nickel Compounds	NOT SPECIFIED
Chromium (Hexavalent) Compounds	NOT SPECIFIED
Lead Compounds	NOT SPECIFIED
Benzene	71-43-2
Cadmium Compounds	NOT SPECIFIED
Arsenic Compounds	NOT SPECIFIED

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

Chemical Name	CAS Number
Toluene	108-88-3
Mercury Compounds	NOT SPECIFIED
Ethylene Glycol Monoethyl Ether	110-80-5
Lead Compounds	NOT SPECIFIED
Benzene	71-43-2
Cadmium Compounds	NOT SPECIFIED
Arsenic Compounds	NOT SPECIFIED

International Regulations: As follows -

CANADIAN WHMIS:

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

CANADIAN WHMIS CLASS: B3 D2B

Section 16 - Other Information

HMIS Ratings:

Health: 2*

Flammability: 2

Reactivity: 0

Personal Protection: X

VOLATILE ORGANIC COMPOUNDS, g/I: <450

REASON FOR REVISION:

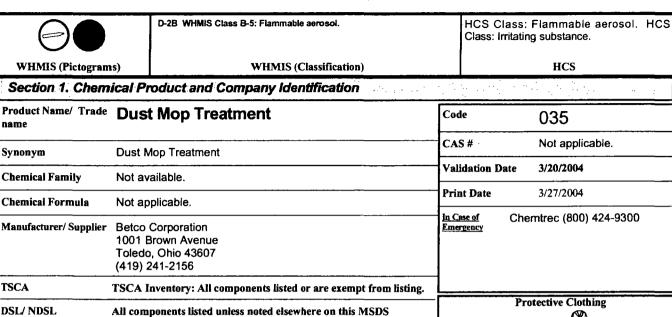
Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The information contained on this MSDS has been checked and should be accurate. However, it is the

responsibility of the user to comply with all Federal, State, and Local laws and regulations.



Material Safety Data Sheet This MSDS is prepared in accordance with OSHA 29 CFR 1910.1200



Name	CAS#	% by Weight	Exposure Limits	LC ₅₀ /LD ₅₀
1) Mineral Oil 2) Liquified Petroleum Gas	8012-95-1 68476-85-7	<18 <12	Not available. TWA: 1000 (ppm) TWA: 1000 (ppm) from OSHA (PEL) [United States]	Not available. Not available.
3) Citrus Terpenes	5989-27-5	<5	Not available.	ORAL (LD50): Acute: 5000 mg/kg [Rat]. DERMAL (LD50): Acute: 5000 mg/kg [Rabbit].

Section 3. Hazards Identification					
Potential Acute Health Effects Irritant. Harmful if swallowed.					
Potential Chronic Health Effects	Severe over-exposure can produce lung damage, choking, unconsciousness or death.				
Carcinogenic Effects	Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.				

Section 4. First	Section 4. First Aid Measures			
Eye Contact In case of contact with eyes, rinse immediately with plenty of water.				
Skin Contact	After contact with skin, wash immediately with plenty of water. Seek medical attention.			
Inhalation	Evacuate the victim to a safe area as soon as possible.			
Ingestion	Have conscious person drink several glasses of water or milk. NEVER give an unconscious person anything to ingest. Seek immediate medical attention.			

Section 5. Fire Fighting Measures				
Products of Combustion	Not available.			
Fire Fighting Media and Instructions	Use DRY chemicals, CO2, alcohol foam or water spray.	-		
Special Remarks on Fire Hazards	N/A			
Special Remarks on Explosion Hazards	Heated cans may burst.			

Section 6. Accidental Release Measures		
Small Spill and Leak	N/A	
Large Spill and Leak	Absorb with DRY earth, sand or other non-combustible material.	
Personal Protection in Case of a Large Spill	Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.	

Section 7. Handling and Storage			
Precautions	Keep away from heat. Keep away from sources of ignition. In case of insufficient ventilation, wear suitable respiratory equipment. Keep container tightly closed and in a well-ventilated place.		
Incompatibility	Not available.		
Storage	Keep out of the reach of children. Not for use or storage in or around the home.		

Section 8. Exposure	Controls/Personal Protection
Engineering Controls	Good general ventilation should be sufficient to control airborne levels.
Personal Protection	Safety glasses.
Body	
Respiratory	Not applicable.
Hands	Not applicable.
Protective Clothing (Pictograms)	
	Liquified Petroleum Gas TWA: 1000 (ppm) TWA: 1000 (ppm) from OSHA (PEL) Ammonium Hydroxide TWA: 50 (ppm) TWA: 50 (ppm) from OSHA (PEL) STEL: 35 (ppm)

Consult local authorities for acceptable exposure limits.

Physical State and	Gas.	Odor	Characteristic.		
Appearance					
Molecular Weight	Not applicable.	Taste	Not available.		
рН	9.5 to 10.5 [Basic.]				
Boiling/Condensation Point	N/A				
Melting/Freezing Point	Not available.				
Critical Temperature	Not available.				
Instability Temperature	Not available.				
Specific Gravity	0.88 (Water = 1)	0.88 (Water = 1)			
Vapor Pressure	50 psig @ 68°F				
Vapor Density	>1 (Air = 1)				
Volatility	Not available.				
VOC	Not available.				
Evaporation Rate	<1				
		•			
Dispersion Properties	Not available.	•			
Solubility	Not available.				
The Product is:	Flammable.				
Auto-ignition Temperature	Not available.				
Flash Points	Not available.				
Flammable Limits	LOWER: 1.7% UPPER: 9.5%				
Fire Hazards in Presence of Various Substances	FLAMMABLE.				
Explosion Hazards in Presence of Various Substances	Containers may explode when heated.				

Stability	The product is stable.	
Incompatibility with Various Substances	Not available.	
Hazardous Decomposition Products	Will not occur.	

Toxicity to Animals	LD50: Not available		
Toxicity to Animals LD50: Not available. LC50: Not available.			
Acute Effects on Humans			
Eye	s This product is an eye irritant. Inflammation of the eye is characterized by redness, watering, and itching.		
Ski	r Irritant.		
Inhalation Slightly irritating to the respiratory system.			
Ingestion	May cause gastrointestinal discomfort. May cause headache, dizziness, nausea, vomiting and diarhea.		
Chronic Effects on Humans	Severe over-exposure can produce lung damage, choking, unconsciousness or death.		
Special Remarks on Toxicity to Animals	No additional remark.		
Special Remarks on Chronic No additional remark. Effects on Humans			

Section 12. Ecological Information			
Ecotoxicity	Not available.		
BOD5 and COD	Not available.		
Products of Biodegradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.		
Toxicity of the Products of Biodegradation	Not available.		
Special Remarks on the Products of Biodegradation	No additional remark.		

Section 13. Disposal Considerations			
Waste Information	Waste must be disposed of in accordance with federal, state and local environmental control regulations.		
Waste Stream	Not available.		

DOT (U.S.A) (Pictograms) TDG Classification Not a TDG controlled material. PIN UN, Proper Shipping Not applicable. Name, PG Maritime Transportation Not available.

Secuon 16. Oure	i inormation	
Validated by CRushto	on on 3/20/2004. Verified by CRushton.	
	Printed 3/27/2004.	
Information Contact	Peter Companying	
Information Contact	Betco Corporation 1001 Brown Avenue Toledo, Ohio 43607	
Notice to Reader		
for the accuracy or completent Final determination of suitab	the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatso ess of the information contained herein. ility of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Altho herein, we cannot guarantee that these are the only hazards that exist	

Validated on 3/20/2004. Dust Mop Treatment Page: 5/5

Continued on Next Page

MATERIAL SAFETY DATA SHEET

Manufacturer's Name:

Transportation

1-866-303-6951

Emergencies: Call Chemtrec

Masterchem®Industries, Inc. 3135 Old Highway M Imperial, MO 63052 Company Code: MTER

1-800-424-9300 Emergency Telephone No. 1-800-325-3552 Medical Emergencies:

NPCA HAZARDOUS MATERIALS IDENTIFICATION SYSTEM

RATING 4 - EXTREME 3 - HIGH 2 - MODERATE 1 - SLIGHT 0 - MINIMAL IDENTIFICATION HEALTH FLAMMABILITY REACTIVITY

CHRONIC HEALTH

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME:

Issue Date: Original

Hammerite® - Hammered Deep Green Quick Dry Metal Finish

PRODUCT NUMBER:

PRODUCT CLASS:		sol Spray Paint SECTION II A-HAZ	ARDOUS INC	GREDIENTS		
CAS REGISTRY NO.	%W	CHEMICAL NAME(S)	OCCUPATIONAL EXPOSURE LIMITS		VAPOR PRESSURE	LISTED AS A CARCINOGEN
 			TLV	PEL		
67-64-1	39.33	Acetone	750 ppm	750 ppm	231 mm @ 25°C	No
68476-86-8	22.00	Propellant (Propane/n-Butane Blend)	900 ppm	900 ppm	70 PSIG @ 25°C	No
1330-20-7	9.25	Xylene (Mixed Isomers)	100 ppm	100 ppm	9 mm Hg @ 25°C	No
64742-95-6	2.94	C _R to C ₁₀ Aromatic Solvent	80 ppm	-	8 mm Hg @ 25°C	No
100-41-4	1.79	1.79 Ethyl Benzene 125 ppm 5 ppm		10 mm Hg @ 25°C	2B	
		SECTION II B – C	THER INGR	EDIENTS		
68783-94-8	20-30	Styreneated Alkyd Copolymer	T -	<u> </u>	<u> </u>	No
25689-00-5	<1	Milori Blue Pigment	_	-	1-	No
Not Est.	<1	Novoperm Yellow Pigment	_	-	_	No
		SECTION III -	PHYSICAL I	DATA		
APPEARANCE: Gr	een, Aeroso	ol Spray	ODOR: Mil	ODOR: Mild, Sweet Ketone		
BOILING RANGE:	Minus 43.7	° F to Plus 338°F	VAPOR DE	VAPOR DENSITY: ☑ HEAVIER ☐ LIGHTER THAN AIR		

EVAPORATION RATE:	■ FASTER □ SLOWER 1	THAN BUTYL ACETATE 8.	3.2% VOLATILE VOLUME:	6.43 POUNDS WT/GAL	
SECTION IV - FIRE AND EXPLOSION HAZARD DATA					
FLAMMABILITY CLASSIFICATION: OSHA 1A FLASH POINT: Minus 156°			CC LEL: 1.0 UEL: 12.8	DOT: Consumer Comm	odity ORM-D
EXTINGUISHING N	MEDIA:				
DRY CHEMICAL	ALCOHOL FOAM	WATER FOG □	FOAM 🗵	CO ₂ ×	OTHER

UNUSUAL FIRE AND EXPLOSION HAZARDS: Explosive air/vapor mixtures may form when exposed to heat. Vapors are heavier than air and may travel along the ground and be ignited by open flame, sparks, static discharge or by other sources of ignition. Containers may burst when exposed to extreme heat. Over exposure to combustion products may cause a health hazard. Obtain medical attention.

SPECIAL FIREFIGHTING PROCEDURES: Full protective equipment, including self-contained breathing apparatus, should be used to protect firefighters from any hazardous combustion products.

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: Inhalation: Anesthetic, irritation of the respiratory tract or acute nervous system depression characterized by the following progressive steps; headache, dizziness, staggering gait, confusion, unconsciousness, or coma. Skin or eye contact: Primary irritant.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: Reports have associated repeated and prolonged occupation overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Aerosol Hammered Deep Green.doc

DERMAL ☑	INHALATION 🗵	INGESTION 🗵
Consult a physician. Splash (eyes): Flush imp (skin); Wash affected areas with soap and wat	DURES: Inhalation: Remove to fresh air. If respiration nediately with large amounts of water for at least 15 miner. Remove contaminated clothing. Consult a physician sult physician or poison control center immediately. Tres	nutes. Take to physician for medical treatment. Splassif irritation persists. Ingestion: Drink 1 or 2 glasses of
water to drive. Do not made: Voluments. Com	SECTION VI - REACTIVITY DATA	
STABILITY:	UNSTABLE □	STABLE 🗵
HAZARDOUS POLYMERIZATION:	MAY OCCUR □	WILL NOT OCCUR
	UCTS: May produce fumes when heated to decompositions of nitrogen and other products of combustion.	ion, as in welding or fire. Fumes may contain: carbo
CONDITIONS TO AVOID: High temperatu	res and high humidities, ignition sources and vapor build	-ир.
INCOMPATIBILITY: (MATERIALS TO A	VOID) Peroxides or strong oxidizing agents.	
measures. Keep material out of sewers and/or WASTE DISPOSAL METHOD: Dispose of andfilled. Full or partially full aerosol contain approved hazardous waste site.	material. Use non-sparking tools when removing wet drains. Fin accordance with all local, state and federal regulations should not be punctured or incinerated and should be ION VIII-SAFE HANDLING AND USE INFO	ons. Dry paint and empty aerosol containers may be treated as hazardous waste which requires disposal a
	erience eye watering, headaches or dizziness, increase fi	
•	s to provide ventilation of sufficient volume and pa on II A.	ttern to keep air contaminant concentrations below
PROTECTIVE GLOVES: Required, rubber	or neoprene to prevent skin contact.	
EYE PROTECTION: Use safety eyewear inc	cluding splash guards or side shields.	
OTHER PROTECTIVE EQUIPMENT: We	ar protective clothing. Remove and wash contaminated	clothing before re-use.
HYGIENIC PRACTICES: Wash hands befo	re eating or using the washroom. Smoke in smoking area	as only.
	SECTION IX - SPECIAL PRECAUTION	
	AGE: Store in a cool, well-ventilated area, as a level 3 unlight. Do not store near heat, sparks or open flame.	3 aerosol (NFFA 30B) and in accordance with OSHA
	E INTERNALLY. Avoid breathing vapors and spra	y mists. Avoid contact with skin and eyes. Protected that contain explosive vapors. Do not remove o
	contents under pressure a	

PREPARED BY: William R. Benton	DATE PREPARED: May 7, 2003		
TITLE: MSDS Coordinator	SUPERSEDES: August 15, 2000 H-DPGRN-A		

(Signature Available upon Request)

Aerosol Hammered Deep Green.doc

MATERIAL SAFETY DATA SHEET

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MSDS # 110338037

PLEDGE® AEROSOL - LEMON

Date Issued: 08Feb2002

US MANUFACTURER:

S.C. Johnson & Son, Inc. Phone: (800) 725-6737

Racine, Wisconsin 53403-2236 Emergency Phone: (888) 779-7920 International Emergency Phone:

(262) 886-1480

Supersedes: 03Feb1999

CANADIAN MANUFACTURER:

S.C. Johnson and Son, Limited

Phone: (800) 725-6737

1 Webster Street

Brantford, Ontario N3T 5R1

Transportation Emergency:

CANUTEC (collect) (613) 996-6666 (888) 779-7920 Poison Control:

HAZARD RATING	HMIS	HAZARD	NFPA	DISTRIBUTED IN CANADA BY: S.C. Johnson and Son, Limited
4-Very High 3-High 2-Moderate	0 4 0	Health Flammability Reactivity	0 4 0	Phone: (800) 725-6737 1 Webster Street Brantford, Ontario N3T 5R1
1-Slight 0-Insignificant	•	Special	-	

---- SECTION 1 - PRODUCT IDENTIFICATION -----

PRODUCT NAME..... PLEDGE® AEROSOL - LEMON REASON FOR CHANGE..... No significant changes.

PRODUCT USE..... Furniture care

UPC	SCJ CODE	QUANTITY	US SIZE	CANADIAN SIZE
62300 00332	21009	12		200 GM
62300 00334	21010	12		350 GM
62300 00329	329	12		500 GM
19800 08399	329	12	20 oz	
46500 00338	329	12	12.5 oz	

----- SECTION 2 - INGREDIENT INFORMATION ---

INGREDIENT	WEIGHT*	EXPOSURE LIMIT/TOXICITY
Silicones (CAS# 63148-62-9)	1-5 1-5	NOT ESTABLISHED 800 ppm ACGIH/OSHA TWA NOT ESTABLISHED
Propane (CAS# 74-98-6)	1-5	1000 ppm OSHA PEL , 2500 ppm ACGIH TWA
Isoparaffinic Hydrocarbon Solvent	5-10	NOT ESTABLISHED
Water (CAS# 7732-18-5)	65-80	NOT ESTABLISHED

----- SECTION 3 - HEALTH HAZARDS IDENTIFICATION (Also See Section 11) ------

ROUTE(S) OF ENTRY..... Skin contact. Ingestion.

EFFECTS OF ACUTE EXPOSURE:

EYE..... May cause: Sensation of irritation.

SKIN..... None known. INHALATION..... None known.

INGESTION..... Aspiration into the lungs may cause severe health effects.

MEDICAL CONDITIONS..... None known.

GENERALLY RECOGNIZED

AS BEING AGGRAVATED

BY EXPOSURE

MSDS # 110338037

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PLEDGE® AEROSOL - LEMON

Date Issued: 08Feb2002 Supersedes: 03Feb1999

----- SECTION 4 - FIRST AID MEASURES -----EYE CONTACT..... Rinse with plenty of water. SKIN CONTACT..... Wash contaminated area with water and soap. INHALATION..... Remove to fresh air. INGESTION...... Immediately drink 1-2 glasses of water or milk. Seek immediate medical attention.

----- SECTION 5 - FIRE AND EXPLOSION INFORMATION -----

FLASH POINT..... < 20°F (< -7°C) (TCC) (propellant)

FLAMMABLE LIMITS..... Not available. AUTOIGNITION..... Not applicable.

TEMPERATURE

EXTINGUISHING MEDIA.... Foam. CO2. Dry chemical. Water fog.

SPECIAL FIREFIGHTING... Fight fire from maximum distance or protected area. Cool and use PROCEDURES

caution when approaching or handling fire-exposed containers. Fire fighters should wear self-contained breathing apparatus and

protective clothing.

UNUSUAL FIRE AND...... Aerosol product - Containers may rocket or explode in heat of EXPLOSION HAZARDS

fire.

----- SECTION 6 - PREVENTIVE RELEASE MEASURES -----

STEPS TO BE TAKEN IN... Eliminate all ignition sources. Absorb with oil-dri or similar CASE MATERIAL IS inert material. Sweep or scrape up and containerize. Rinse RELEASED OR SPILLED affected area thoroughly with water.

----- SECTION 7 - HANDLING AND STORAGE -----

PRECAUTIONARY.... CAUTION: FLAMMABLE: Contains: petroleum distillate. CONTENTS INFORMATION UNDER PRESSURE. Do not use near open fire, flames or heat. Do not puncture or incinerate. Do not store at temperatures above

120 °F (50 °C). Do not spray or use on floors. Keep out of reach

of children.

OTHER HANDLING AND.... Store in a cool, dry place with adequate ventilation. Keep from

STORAGE CONDITIONS freezing.

----- SECTION 8 - SPECIAL PROTECTION INFORMATION -----

RESPIRATORY PROTECTION. No special requirements under normal use conditions.

VENTILATION...... No special requirements.

PROTECTIVE GLOVES..... No special requirements under normal use conditions.

EYE PROTECTION..... No special requirements under normal use conditions.

OTHER PROTECTIVE..... No special requirements.

MEASURES

----- SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES -----

COLOR..... Opaque

PRODUCT STATE..... Dispensed as a spray mist.

ODOR..... Lemon

pH..... Not applicable. ODOR THRESHOLD..... Not available. SOLUBILITY IN WATER.... Dispersible

SPECIFIC GRAVITY..... 0.828

(H20=1)

VAPOR DENSITY (AIR=1).. Not available.

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PLEDGE® AEROSOL - LEMON

Date Issued: 08Feb2002 Supersedes: 03Feb1999

------- SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES (continued) -------EVAPORATION RATE (BUTYL Not available. ACETATE=1) VAPOR PRESSURE (mm HG). Not available. BOILING POINT..... Not applicable. FREEZING POINT..... Not applicable. COEFFICIENT OF Not available. WATER/OIL PERCENT VOLATILE BY.... Not available. VOLUME (%) VOLATILE ORGANIC..... Hydrocarbon propellant Isoparaffinic Hydrocarbon. COMPOUND (VOC) THEORETICAL VOC. 1.44-1.46 lb/gal (LB/GAL) STABILITY..... Stable STABILITY - CONDITIONS. Not applicable. TO AVOID INCOMPATIBILITY..... No special requirements. HAZARDOUS DECOMPOSITION No special requirements. PRODUCTS HAZARDOUS..... Will not occur. POLYMERIZATION HAZARDOUS..... Not applicable. POLYMERIZATION -CONDITIONS TO AVOID ------ SECTION 11 - TOXICOLOGY INFORMATION (Also See Section 3) ----------------LD50 (ACUTE ORAL TOX).. Greater than 5000 mg/kg (rats) LD50 (ACUTE DERMAL TOX) Not applicable. LC50 (ACUTE INHALATION. Not applicable. TOX) EFFECTS OF CHRONIC.... None known. EXPOSURE SENSITIZATION..... None known. CARCINOGENICITY..... None known. REPRODUCTIVE TOXICITY... None known. TERATOGENICITY...... None known. MUTAGENICITY..... None known. ----- SECTION 12 - ECOLOGICAL INFORMATION ------ENVIRONMENTAL DATA..... Not available.

----- SECTION 13 - DISPOSAL CONSIDERATIONS -----

WASTE DISPOSAL...... If possible, recycle empty aerosol can to nearest steel INFORMATION recycling center. Use up package or give to someone who can.

MATERIAL SAFETY DATA SHEET

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MSDS # 110338037

PLEDGE® AEROSOL - LEMON

Date Issued: 08Feb2002 Supersedes: 03Feb1999

US DOT INFORMATION..... Buffing or polishing compounds, N.O.I. Consumer commodity, ORM-D CANADIAN SHIPPING NAME. PLEDGE® AEROSOL - LEMON

TDG CLASSIFICATION.... Not applicable. PIN/NIP..... Not applicable. PACKING GROUP..... Not applicable. EXEMPTION NAME Consumer commodity

------ SECTION 15 - REGULATORY INFORMATION -----

WHMIS CLASSIFICATION... Non-regulated.

All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

All ingredients in this product comply with the New Substances Notification requirements under the Canadian Environmental Protection Act (CEPA).

This product is not subject to the reporting requirements under California's Proposition 65.

------ SECTION 16 - OTHER INFORMATION -----

ADDITIONAL INFORMATION. NFPA 30B Level 1 Aerosol.

EPA REGISTRATION #..... Not applicable.

----- PREPARATION INFORMATION ------

Manufacturer's Technical Support Department. Refer to page 1

(Manufacturer) for contact information.

This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained herein. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.

PRINT DATE: 19Feb2002

MATERIAL SAFETY DATA SHEET

7211 01 00

Section 1 -- PRODUCT AND COMPANY IDENTIFICATION PRODUCT NUMBER HMIS CODES Health 2* Flammability 7211 4 Reactivity 0 PRODUCT NAME KRYLON* LIVING COLOR* Latex Enamel, Flat Black MANUFACTURER'S NAME EMERGENCY TELEPHONE NO. THE SHERWIN-WILLIAMS COMPANY (216) 566-2917 KRYLON Products Group Cleveland, OH 44115 INFORMATION TELEPHONE NO. DATE OF PREPARATION 11-JUN-02 (800) 832-2541

% by WT		COMPOSITION/INFORMATION ON INGREDIENTS INGREDIENT UNITS VAPOR PRESSURE
5	67-63-0	2-Propanol ACGIH TLV 400 ppm 33 mm ACGIH TLV 500 ppm STEL OSHA PEL 400 ppm OSHA PEL 500 ppm STEL
7	111-76-2	2-Butoxyethanol ACGIH TLV 20 ppm (skin) 0.88 mm OSHA PEL 20 ppm (skin)
35	115-10-6	Dimethyl Ether. ACGIH TLV Not Available 760 mm OSHA PEL Not Available
11	1332-58-7	Kaolin ACGIH TLV 2 mg/m3 as Resp. Dust OSHA PEL 10 mg/m3 Total Dust
0.7	1333-86-4	OSHA PEL 5 mg/m3 Respirable Fraction Carbon Black. ACGIH TLV 3.5 mg/m3 OSHA PEL 3.5 mg/m3

Section 3 -- HAZARDS IDENTIFICATION

ROUTES OF EXPOSURE

Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE

Irritation of eyes, skin and upper respiratory system.

May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

7211 page 2 SIGNS AND SYMPTOMS OF OVEREXPOSURE Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure. MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE None generally recognized. CANCER INFORMATION For complete discussion of toxicology data refer to Section 11. Section 4 -- FIRST AID MEASURES If affected, remove from exposure. Restore breathing. If INHALED: Keep warm and quiet. If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use. If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention. If SWALLOWED: Do not induce vomiting. Get medical attention immediately. Section 5 -- FIRE FIGHTING MEASURES ________________ FLASH POINT UET. LEL Propellant < 0 F 1.1 27.0 EXTINGUISHING MEDIA Carbon Dioxide, Dry Chemical, Alcohol Foam UNUSUAL FIRE AND EXPLOSION HAZARDS Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention. SPECIAL FIRE FIGHTING PROCEDURES Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat. Section 6 -- ACCIDENTAL RELEASE MEASURES STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Remove all sources of ignition. Ventilate the area. Remove with inert absorbent. Section 7 -- HANDLING AND STORAGE STORAGE CATEGORY NFPA 30B Level 1 Aerosol

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep away from heat, sparks, and open flame. Vapors will accumulate

readily and may ignite explosively.

During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition.

Consult NFPA Code. Use approved Bonding and Grounding procedures. Contents under pressure. Do not puncture, incinerate, or expose to temperature above 120F. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally. Keep out of the reach of children.

Section 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION

PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation.

Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg/m3 (total dust), 3 mg/m3 (respirable fraction), OSHA PEL 15 mg/m3 (total dust), 5 mg/m3 (respirable fraction).

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority. **VENTILATION**

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108. RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES

None required for normal application of aerosol products where minimal skin contact is expected. For long or repeated contact, wear chemical resistant gloves. EYE PROTECTION

Wear safety spectacles with unperforated sideshields. OTHER PRECAUTIONS

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Carbon Black is classified by IARC as possibly carcinogenic to humans (group 2B) based on experimental animal data, however, there is insufficient evidence in humans for its carcinogenicity.

Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver, urinary and blood forming systems.

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

TOXICOLOGY DATA

Material Safety Data Sheet

24 Hour Assistance: 1-847-367-7700 Rust-Oleum Corp. www.rustoleum.com

Section 1 - Chemical Product / Company Information

Product Name:

Rust-Oleum American Accents Classic

Collection Aerosol

7044000 7040000 7040000

Identification

7911830, 7912830, 7913830, 7914830,

Number:

7915830, 7916830

-

Product Use/Class: Topcoat/Aerosol

Supplier:

Rust-Oleum Corporation

11 Hawthorn Parkway

Vernon Hills, IL 60061

USA

Mandiacture

Manufacturer: Rust-Oleum Corporation

11 Hawthorn Parkway

Vernon Hills, IL 60061

USA

Revision Date: 05/04/2004

Preparer:

Department, Regulatory

Section 2 - Composition / Information On Ingredients

Chemical Name	CAS Number	Weight % Less Than	ACGIH TLV-TWA	ACGIH TLV-STEL	OSHAPEL-TWA	OSHA PEL-CEILING
Acetone	67-64-1	35.0	500 PPM	750 PPM	750 PPM	N.E.
Liquified Petroleum Gas	68476-86-8	30.0	1000 PPM	N.E.	1000 PPM	N.E.
Modified Alkyd	PROPRIETARY	20.0	N.E.	N.E.	N.E.	N.E.
Titanium Dioxide	13463-67 -7	15.0	10 mg/m3	N.E.	10 mg/m3	N.E.
Modified Alkyd	PROPRIETARY	15.0	N.E.	N.E.	N.E.	N.E.
Xylene	1330-20-7	15.0	100 PPM	150 PPM	100 PPM	N.E.
Allphatic Petroleum Distillates	64742-89-8	15.0	400 PPM	N.E.	400 PPM.	N.E.
Naphtha	8032-32-4	10.0	300 PPM	N.E.	N.E.	N.E.
Toluene	108-88-3	10.0	50 PPM	N.E.	200 PPM	300 PPM
Aromatic Hydrocarbon	64742-95-6	5.0	N.E.	N.E.	N.E.	N.E.
Ethylbenzene	100-41-4	5.0	100 PPM	125 PPM	100 PPM	N.E.
1,2,4-Trimethylbenzene	95-63-6	5.0	25 PPM	N.E.	N.E.	N.E.
meta-Xylene	108-38-3	5.0	100 PPM	150 PPM	100 PPM	N.E.
Aliphatic Hydrocarbon	MIXTURE	5.0	300 PPM	N.E.	300 PPM	N.E.
Barium Sulfate	7727 -4 3-7	5.0	10 mg/m3	N.E.	15 mg/m3	N.E.
Pigment Red 170	2786-76-7	5.0	N.E.	N.E.	N.E.	N.E.
para-Xylene	106-42-3	5.0	100PPM	150PPM	100 PPM	N.E.
ortho-Xylene	95-47-6	5.0	100 PPM	150 PPM	100 PPM	N.E.
Red Iron Oxide	1332-37-2	5.0	10 mg/m3	N.E.	15 mg/m3	N.E.
1,3,5-Trimethylbenzene	108-67-8	5.0	25 PPM	N.E.	N.E.	N.E.
Pigment Black 7	1333-86-4	5.0	3.5 mg/m3	N.E.	3.5 mg/m3	N.E.

Section 3 - Hazards Identification

*** Emergency Overview ***: Contents Under Pressure. Harmful if inhaled. May affect the brain or nervous system causing dizziness, headache or nausea. Vapors may cause flash fire or explosion. Extremely flammable liquid and vapor. Harmful if swallowed.

Effects Of Overexposure - Eye Contact: Causes eye irritation.

Effects Of Overexposure - Skin Contact: Prolonged or repeated contact may cause skin irritation. Substance may cause slight skin irritation.

Effects Of Overexposure - Inhalation: High vapor concentrations are irritating to the eyes, nose, throat and lungs. Avoid breathing vapors or mists. High gas, vapor, mist or dust concentrations may be harmful if inhaled. Harmful if inhaled.

Effects Of Overexposure - Ingestion: Aspiration hazard if swallowed; can enter lungs and cause damage. Substance may be harmful if swallowed.

Effects Of Overexposure - Chronic Hazards: IARC lists Ethylbenzene as a possible human carcinogen (group 2B). May cause central nervous system disorder (e.g.,narcosis involving a loss of coordination, weakness, fatigue, mental confusion, and blurred vision) and/or damage. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Overexposure to xylene in laboratory animals has been associated with liver abnormalities, kidney, lung, spleen, eye and blood damage as well as reproductive disorders. Effects in humans, due to chronic overexposure, have included liver, cardiac abnormalities and nervous system damage. Overexposure to toluene in laboratory animals has been associated with liver abnormalities, kidney, lung and spleen damage. Effects in humans have included liver and cardiac abnormalities.

Contains carbon black. Chronic inflammation, lung fibrosis, and lung tumors have been observed in some rats experimentally exposed for long periods of time to excessive concentrations of carbon black and several insoluble fine dust particles. Tumors have not been observed in other animal species (i.e., mouse and hampster) under similar circumstances and study conditions. Epidemiological studies of North American workers show no evidence of clinically significant adverse health effects due to occupational exposure to carbon black.

Carbon black is listed as a Group 2B-"Possibly carcinogenic to humans" by IARC and is proposed to be listed as A4- "not classified as a human carcinogen" by the American Conference of Governmental Industrial Hygienists.

A4- "not classified as a human carcinogen" by the American Conference of Governmental Industrial Hygienists. Significant exposure is not anticipated during brush application or drying. Risk of overexposure depends on duration and level of exposure to dust from repeated sanding of surfaces or spray mist and the actual concentration of carbon black in the formula.

Primary Route(s) Of Entry: Skin Contact, Skin Absorption, Inhalation, Eye Contact

Section 4 - First Aid Measures

First Aid - Eye Contact: Hold eyelids apart and flush with plenty of water for at least 15 minutes. Get medical attention.

First Aid - Skin Contact: Wash with soap and water. Get medical attention if irritation develops or persists.

First Aid - Inhalation: If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

First Aid - Ingestion: Aspiration hazard: Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. Get immediate medical attention.

Section 5 - Fire Fighting Measures

Flash Point: -156 F (Setaflash)

LOWER EXPLOSIVE LIMIT: 0.9 % UPPER EXPLOSIVE LIMIT: 12.8 %

Extinguishing Media: Dry Chemical, Foam, Water Fog

Unusual Fire And Explosion Hazards: Closed containers may explode when exposed to extreme heat. Vapors may form explosive mixtures with air. Vapors can travel to a source of ignition and flash back. Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Perforation of the pressurized container may cause bursting of the can. Water spray may be ineffective. FLASH POINT IS LESS THAN 20 °. F. - EXTREMELY FLAMMABLE LIQUID AND VAPOR!

Special Firefighting Procedures: Evacuate area and fight fire from a safe distance.

Section 6 - Accidental Release Measures

Steps To Be Taken If Material Is Released Or Spilled: Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. Remove all sources of ignition, ventilate area and remove with inert absorbent and non-sparking tools. Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers.

Section 7 - Handling And Storage

Handling: Wash thoroughly after handling. Wash hands before eating. Use only in a well-ventilated area. Avoid breathing vapor or mist. Follow all MSDS/label precautions even after container is emotied because it may retain product residues.

Storage: Do not store above 120 ° F. Store large quantities in buildings designed and protected for storage of NFPA Class I flammable liquids. Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Contents under pressure. Do not expose to heat or store above 120 ° F.

Section 8 - Exposure Controls / Personal Protection

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof ventilation equipment. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

Respiratory Protection: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

Skin Protection: Nitrile or Neoprene gloves may afford adequate skin protection. Use impervious gloves to prevent skin contact and absorption of this material through the skin.

Eye Protection: Use safety eyewear designed to protect against splash of liquids.

Other protective equipment: Refer to safety supervisor or industrial hygienist for further information regarding personal protective equipment and its application.

Hygienic Practices: Wash thoroughly with soap and water before eating, drinking or smoking.

Section 9 - Physical And Chemical Properties

Boiling Range:

-44 - 338 F

Vapor Density:

Heavier than air

Odor:

Solvent Like

Odor Threshold:

Appearance:

Liquid

Evaporation Rate:

Slower than Ether

Solubility in H2O:

Slight

Specific Gravity:

1.1100

Freeze Point:

ND

PH:

Vapor Pressure:

NE

Physical State:

Liquid

(See section 16 for abbreviation legend)

Section 10 - Stability And Reactivity

Conditions To Avoid: Avoid all possible sources of ignition. Avoid temperatures above 120 ° F.

Incompatibility: Incompatible with strong oxidizing agents, strong acids and strong alkalies.

Hazardous Decomposition: When heated to decomposition it emits acrid smoke and irritating fumes. By open flame, carbon monoxide and carbon dioxide.

Hazardous Polymerization: Will not occur under normal conditions.

Stability: This product is stable under normal storage conditions.

Section 11 - Toxicological Information

Product LD50: ND Product LC50: ND

Chemical Name	LD50	LC50
Acetone	N.D.	N.D.
Liquified Petroleum Gas	N.D.	N.D.
Modified Alkyd	N.D.	N.D.
Titanium Dioxide	>7500 mg/kg (ORAL, RAT)	N.D.
Modified Alkyd	4300 mg/kg (ORAL, RAT)	5000 PPM (INH 4Hr, RAT)
Xylene	N.D.	N.D.
Aliphatic Petroleum Distillates	N.D.	N.D.
Naphtha	>5000 mg/kg (ORAL, RAT)	N.D.
Toluene	N.D.	N.D.
Aromatic Hydrocarbon	N.D.	N.D.
Ethylbenzene	3500 mg/kg (ORAL, RAT)	N.D.
1,2,4-Trimethylbenzene	N.D.	18000 mg/m3 (RAT, 4 HR)
meta-Xylene	5000 mg/kg (ORAL, RAT)	N.D.
Aliphatic Hydrocarbon	N.D.	N.D.
Barium Sulfate	N.D.	N.D.
Pigment Red 170	> 10000 mg/kg (ORAL, RAT)	N.D.
para-Xylene	5G/KG RAT ORAI	L 4550 PPM/4HR RAT
ortho-Xylene	5G/KG ORAL RA	T 6125 PPM/12HR RAT
Red Iron Oxide	N.D.	N.D.

1,3,5-Trimethylbenzene

1303 mg/kg (ORAL, RAT) 24 mg/m3 (RAT,

Pigment Black 7

>8000 mg/kg (ORAL, RAT) 4HR) N.D.

Section 12 - Ecological Information

Ecological Information: Product is a mixture of listed components.

Section 13 - Disposal Information

Disposal Information: Dispose of material in accordance to local, state and federal regulations and ordinances. Do not allow to enter storm drains or sewer systems.

Section 14 - Transportation Information

DOT Proper Shipping Name:

Aerosol

Packing Group:

1

DOT Technical Name:

Hazard Subclass:

DOT Hazard Class:

2

Resp. Guide Page:

126

DOT UN/NA Number:

UN 1950

Section 15 - Regulatory Information

CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE HEALTH HAZARD, CHRONIC HEALTH HAZARD, FIRE HAZARD

SARA Section 313:

Listed below are the substances (if any) contained in this product that are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

Chemical Name	CAS Number
Xylene	1330-20-7
Toluene	108-88-3
Aromatic Hydrocarbon	64742-95-6
Ethylbenzene	100-41-4
1,2,4-Trimethylbenzene	95-63 <i>-</i> 6
meta-Xylene	108-38-3
para-Xylene	106-42-3
ortho-Xylene	95-47 <i>-</i> 6

Toxic Substances Control Act:

Listed below are the substances (if any) contained in this product that are subject to the reporting requirements of TSCA 12(B) if exported from the United States:

None known

U.S. State Regulations: As follows -

New Jersey Right-to-Know:

The following materials are non-hazardous, but are among the top five components in this product.

Chemical NameCAS NumberModified AlkydPROPRIETARY

Pennsylvania Right-to-Know:

The following non-hazardous ingredients are present in the product at greater than 3%.

Chemical NameCAS NumberModified AlkydPROPRIETARY

California Proposition 65:

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

Chemical Name CAS Number Microcrystalline Silica 14808-60-7 Propylene Oxide 75-56-9 71-43-2 Benzene Arsenic Compounds NOT SPECIFIED Cadmium Compounds NOT SPECIFIED Acetaldehyde 75-07-0 Nickel Compounds NOT SPECIFIED Lead Compounds NOT SPECIFIED 50-00-0 Formaldehyde

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

CAS Number Chemical Name Toluene 108-88-3 75-56-9 Propylene Oxide 71-43-2 Benzene **NOT SPECIFIED** Arsenic Compounds NOT SPECIFIED Cadmium Compounds NOT SPECIFIED Mercury Compounds **Lead Compounds** NOT SPECIFIED

International Regulations: As follows -

CANADIAN WHMIS:

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

CANADIAN WHMIS CLASS: AB5 D2A D2B

Section 16 - Other Information

HMIS Ratings:

Health: 2*

Flammability: 4

Reactivity: 0

Personal Protection: X

VOLATILE ORGANIC COMPOUNDS, g/I: NA

REASON FOR REVISION:

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The information contained on this MSDS has been checked and should be accurate. However, it is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.



MATERIAL SAFETY DATA SHEET

SECTION I – SUPPLIER INFORMATION

Product Name:

Pitt Penn Premium Starting Fluid

Product Number:

802530

Bulk Stack Number:

Not Applicable

Supplier's Name & Address:

Pitt Penn Oil Co.

426 Freeport Road Creighton, PA 15030

(724) 226-2712

Emergency Phone Number:

Chem Tel, Inc. 1-800-255-3924 (24 hours)

Current Issue Date:

October 20, 2003

Date of Origination:

August 16, 2000

SECTION II – HAZARDOUS INGREDIENT INFORMATION

Components	CAS#	OSHA PEL	ACGIH TLV	VOL. %
Diethyl Ether	60-29-7	400ppm	400ррт	25.0
Heptane	142-82-5	400ppm	400ppm	75.0
Carbon Dioxide	124-38-9	5,000ppm	N/A	<10.0
Upper Cylinder Lubricant	64741-89-5	Not Established	Not Established	<1.0

Emergency Overview:

Harmful if inhaled, swallowed or absorbed through skin.

POTENTIAL HEALTH EFFECTS

Carcinogenicity:

Product not considered a carcingen by OSHA, NTP, or IARC.

Medical conditions which may be aggravated by exposure:

May cause defatting and drying of skin. May irritate mucous membranes of respiratory tract. Overexposure may cause central nervous system

depression.

Target organs:

Central nervous system, liver, lungs & kidneys.

Primary routes of entry:

Inhalation, skin and ingestion

ACUTE & CHRONIC HEALTH EFFECTS

Pitt Penn Oil Co.

Product Name: Pitt Penn Premium Starting Fluid

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

HMIS RATING			
Insignificant = 0 Health = 2			
Slight = 1	Flammability = 4		
Moderate = 2	Reactivity = 0		
Severe = 4			

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:

95 ° F (35 ° C)

Melting Point:

-177 ° F (-116 ° C)

Specific Gravity:

0.7

Vapor Pressure:

537.0 mmHg

Vapor Density:

2.55 (Air=1)

Percent Volatile:

100%

Evaporation Rate:

37.5 (Butyl Acetate=1)

p.H.:

Not given

Not given

Molecular Weight: Solubility (in water):

Slightly soluble in water

Odor:

Ether odor

Appearance:

Clear liquid

SECTION IV - FIRE AND EXPLOSION DATA

Closed Cup Flash Point:

-49 ° F (-45 ° C)

Open Cup Flash Point:

Not given

Fire Point:

Not given

Autoignition:

Not given

Lower Explosion Limit:

1.85

Upper Explosion Limit:

48.0

Extinguishing Media:

Carbon Dioxide, dry chemical or foam.

Unusual Fire & Explosion Hazards: Vapors are heavier than air and can collect in low areas.

Fire Fighting Instructions:

Containers can build up pressure if exposed to fire. Containers should be cooled with water spray.

Fire Fighting Equipment:

Self-contained breathing apparatus with full-face piece

operated in pressure demand or positive pressure mode.

SECTION V - REACTIVITY DATA

Stability:

Stable

Conditions and Materials to Avoid: Excessive heat, open flame. Do not store above 120 ° F.

Do not puncture or incinerate, even when empty.

Hazardous Polymerization:

Cannot occur.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide or various hydrocarbons.

Pitt Penn Oil Co.

Product Name: Pitt Penn Premium Starting Fluid

Page: 1

Chemical Incompatibilities:

Strong oxidizing agents, Nitric plus Acetic Acids, Nitric

plus Sulfuric Acid, and Amines

SECTION VI - HEALTH HAZARD DATA/FIRST AID

ROUTES OF ENTRY/EMERGENCY AND FIRST AID PROCEDURES

Eye Contact: Immediately flush with large quantities of water for at least 15 minutes and seek

medical attention.

Skin Contact: Wash area with soap and water. Remove contaminated clothing. Seek medical

attention if irritation persists.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. Seek medical

attention.

Ingestion: **Do NOT Induce Vomiting.** Give CONSCIOUS victim glass of water and seek

medical attention. NEVER give water to an unconscious victim.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING

Storage Requirements: Store in clean, dry locations away from excessive heat. Store in

area designated for the storage of (Level III) aerosols according to

NFPA 30B (Manufacture and Storage of Aerosol Products).

Handling Precautions: Wash thoroughly after handling. Do not get into eyes, on skin, or

on clothing.

SECTION VIII - SPECIAL PROTECTION AND CONTROL MEASURES

Engineering Controls: Eye wash station and safety shower.

Ventilation: Strong general local exhaust ventilation.

Personal Protective Equipment:

Eye Protection: Chemical splash goggles with indirect or no ventilation.

Skin Protection: Chemical resistant gloves such as nitrile or neoprene.

Respiratory Protection: Wear organic vapor air purifying respirator when working

with this product.

Comments: Never eat, drink or smoke in work areas.

SECTION IX - HANDLING OF SPILLS AND LEAKS

Spill/Leak Procedures: Notify safety personnel, evacuate all unnecessary personnel and

provide adequate ventilation. If feasible without risk, clean-up personnel should stop leak. All clean-up personnel should wear

proper personnel protective equipment.

Small Spills: Clean with inert absorbent and place in recovery drums for

disposal.

Pitt Penn Oil Co.

Product Name: Pitt Penn Premium Starting Fluid

Large Spills:

Dike to prevent further migration of material. Do not release into

waterways or sewers. Follow applicable OSHA regulation

20CFR1910.120.

Hazardous Waste Number:

U117, D001

Dispose of in accordance with all applicable Federal, State and Local regulations.

Note:

Product in aerosol container. Spill hazard unlikely.

SECTION X – TOXICOLOGICAL/ECOLOGICAL INFORMATION

No Data

SECTION XI – TRANSPORTATION DATA

Shipping Regulations:

UN/NA Number:

UN-1950, Class 2.1

D.O.T. Hazard Class: ORM-D

Shipping Label:

None

Shipping Name:

Domestic:

Consumer Commodity ORM-D

Export:

Aerosol Dispensers, UN-1950, IMCO page 2102, Class 2.1

SECTION XII - REGULATORY INFORMATION

All components listed on TSCA inventory.

SECTION XIII - USER INFORMATION

The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. Buyer assumes all risk of use, storage and handling of the product in compliance with applicable Federal, State and Local laws and regulations.

Relating to any party's use of or reliance on information and data contained herein regardless of whether it is claimed that the information and data are inaccurate, incomplete or otherwise misleading, this information related to the material designated and may not be valid for such material used in combination with any other materials or in any process.

Section 1 -- PRODUCT AND COMPANY IDENTIFICATION PRODUCT NUMBER HMIS CODES Health Flammability 15012 Reactivity -PRODUCT NAME KRYLON* Automotive and General Use Paint, Glossy White MANUFACTURER'S NAME EMERGENCY TELEPHONE NO. THE SHERWIN-WILLIAMS COMPANY (216) 566-2917 KRYLON Products Group Cleveland, OH 44115 INFORMATION TELEPHONE NO. DATE OF PREPARATION (800) 247-3266 24-MAY-04 Section 2 -- COMPOSITION/INFORMATION ON INGREDIENTS % by WT CAS No. INGREDIENT UNITS VAPOR PRESSURE 74-98-6 Propane ACGIH TLV 2500 ppm OSHA PEL 1000 ppm 760 mm 106-97-8 Butane 800 ppm 800 ppm 760 mm ACGIH TLV OSHA PEL 100-41-4 Ethylbenzene 1 100 7.1 mm ACGIH TLV ppm ACGIH TLV 125 ppm STEL 100 OSHA PEL ppm ppm STEL 125 OSHA PEL 7 · 1330-20-7 Xylene ACGIH TLV 100 5.9 mm ppm ppm STEL ACGIH TLV 150 ppm OSHA PEL 100 ppm STEL OSHA PEL 150 71-36-3 1-Butanol 2 ACGIH TLV 20 ppm (Skin)
OSHA PEL 50 ppm (Skin) CEILING 5.5 mm 35 67-64-1 Acetone 500 ppm STEL ACGIH TLV 180 mm

ACGIH TLV

OSHA PEL

ACGIH TLV

108-65-6 1-Methoxy-2-Propanol Acetate

78-93-3 Methyl Ethyl Ketone

1000 ppm

300 ppm STEL

70 mm

1.8 mm

ACGIH TLV 200 ppm

ACGIH TLV 300 ppm STEL OSHA PEL 200 ppm OSHA PEL 300 ppm STEL

ACGIH TLV Not Available OSHA PEL Not Available

Continued on page 2

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15012 page 2 13463-67-7 Titanium Dioxide ACGIH TLV 10 mg/m3 as Dust OSHA PEL 10 mg/m3 Total Dust OSHA PEL 5 mg/m3 Respirable Fraction Section 3 -- HAZARDS IDENTIFICATION ROUTES OF EXPOSURE INHALATION of vapor or spray mist. EYE or SKIN contact with the product, vapor or spray mist. EFFECTS OF OVEREXPOSURE EYES: Irritation. Prolonged or repeated exposure may cause irritation. SKIN: INHALATION: Irritation of the upper respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death. SIGNS AND SYMPTOMS OF OVEREXPOSURE Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure. MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE None generally recognized. CANCER INFORMATION For complete discussion of toxicology data refer to Section 11. Section 4 -- FIRST AID MEASURES EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention. SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use. INHALATION: If affected, remove from exposure. Restore breathing. Keep warm and quiet. INGESTION: Do not induce vomiting. Get medical attention immediately. Section 5 -- FIRE FIGHTING MEASURES _____ LEL UEL 1.0 13.1 FLASH POINT Propellant < 0 F EXTINGUISHING MEDIA Carbon Dioxide, Dry Chemical, Foam UNUSUAL FIRE AND EXPLOSION HAZARDS Containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention. Continued on page 3

15012 page 3

SPECIAL FIRE FIGHTING PROCEDURES

Full protective equipment including self-contained breathing apparatus should be used.

Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section 6 -- ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Remove all sources of ignition. Ventilate the area.

Remove with inert absorbent.

Section 7 -- HANDLING AND STORAGE

STORAGE CATEGORY

Not Available

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep away from heat, sparks, and open flame. Vapors will accumulate readily and may ignite explosively.

During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition.

Consult NFPA Code. Use approved Bonding and Grounding procedures.

Contents under pressure. Do not puncture, incinerate, or expose to temperature above 120F. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally. Keep out of the reach of children.

Section 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION

PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation.

Avoid contact with skin and eyes. Avoid breathing vapor and spray mist.

Wash hands after using.

This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg/m3 (total dust), 3 mg/m3 (respirable fraction), OSHA PEL 15 mg/m3 (total dust), 5 mg/m3 (respirable fraction) (total dust), 5 mg/m3 (respirable fraction). VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

When sanding or abrading the dried film, wear a dust/mist respirator

approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

Continued on page 4

15012 page 4 PROTECTIVE GLOVES None required for normal application of aerosol products where minimal skin contact is expected. For long or repeated contact, wear chemical resistant gloves. EYE PROTECTION Wear safety spectacles with unperforated sideshields. OTHER PRECAUTIONS Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. ______ Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES PRODUCT WEIGHT 6.67 lb/gal 799 g/l 0.80 SPECIFIC GRAVITY BOILING POINT MELTING POINT <0 - 302 F <-18 - 150 C Not Available 90 % VOLATILE VOLUME EVAPORATION RATE Faster than ether Heavier than air VAPOR DENSITY SOLUBILITY IN WATER N.A. pН 7.0 VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)
Volatile Weight 46.89 % Less Water and Federally Exempt Solvents Section 10 -- STABILITY AND REACTIVITY STABILITY -- Stable CONDITIONS TO AVOID None known. INCOMPATIBILITY None known. HAZARDOUS DECOMPOSITION PRODUCTS By fire: Carbon Dioxide, Carbon Monoxide HAZARDOUS POLYMERIZATION Will not occur Continued on page 5

Section 11 -- TOXICOLOGICAL INFORMATION

CHRONIC HEALTH HAZARDS

Ethylbenzene is classified by IARC as possibly carcinogenic to humans (2B) based on inadequate evidence in humans and sufficient evidence in laboratory animals. Lifetime inhalation exposure of rats and mice to high ethylbenzene concentrations resulted in increases in certain types of cancer, including kidney tumors in rats and lung and liver tumors in mice. These effects were not observed in animals exposed to lower concentrations. There is no evidence that ethylbenzene causes cancer in humans.

Methyl Ethyl Ketone may increase the nervous system effects of other

solvents.

Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver, urinary, blood forming and reproductive systems.

Rats exposed to titanium dioxide dust at 250 mg./m3 developed lung cancer, however, such exposure levels are not attainable in the workplace.

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

	TOXICOLOGY DATA CAS No.	Ingredient N	ame			
9	74-98-6	Propane	LC50	RAT	4HR	Not Available
	106-97-8	Butane	LD50	RAT		Not Available
 `	100-41-4	Dthulban-one	LC50 LD50	RAT RAT	4HR	Not Available Not Available
Ì	100-41-4	Ethylbenzene	LC50 LD50	RAT RAT	4HR	Not Available 3500 mg/kg
1	1330-20-7	Xylene	LC50	RAT	4HR	5000 ppm
j	71-36-3	1-Butanol	LD50 LC50	RAT :	4HR	4300 mg/kg 8000 ppm
	67-64-1	Acetone	LD50	RAT	AIII	8000 ppm 790 mg/kg
)			LC50 LD50	RAT RAT	4HR	Not Available 5800 mg/kg
	78-93-3	Methyl Ethyl	Ketone LC50 LD50	RAT	4HR	Not Available
	108-65-6	1-Methoxy-2-		RAT L Acetate RAT	e 4HR	2740 mg/kg Not Available
}	13463-67-7	Titanium Dio	LD50	RAT	1111	8500 mg/kg
			LC50 LD50	RAT RAT	4HR	Not Available Not Available

Continued on page 6

13012	page o
Section 12 ECOLOGICAL INFORMATION	
ECOTOXICOLOGICAL INFORMATION No data available.	
Section 13 DISPOSAL CONSIDERATIONS	
WASTE DISPOSAL METHOD Waste from this product may be hazardous as defined under to Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the appl hazardous waste numbers. Do not incinerate. Depressurize container. Dispose of in with Federal, State/Provincial, and Local regulations regarding	licable EPA
Section 14 TRANSPORT INFORMATION	
No data available.	
Section 15 REGULATORY INFORMATION	:========
SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION	
CAS No. CHEMICAL/COMPOUND % by W	T % Element
100-41-4 Ethylbenzene 1 1330-20-7 Xylene 7 71-36-3 1-Butanol 2 78-93-3 Methyl Ethyl Ketone 10	
CALIFORNIA PROPOSITION 65 WARNING: This product contains chemicals known to the Stat California to cause cancer and birth defects or other reproduc TSCA CERTIFICATION All chemicals in this product are listed, or are exempt fro on the TSCA Inventory.	tive harm.
Section 16 OTHER INFORMATION	
This product has been classified in accordance with the haz of the Canadian Controlled Products Regulations (CPR) and the all of the information required by the CPR.	ard criteria MSDS contains
The above information pertains to this product as currently and is based on the information available at this time. Addit reducers or other additives to this product may substantially composition and hazards of the product. Since conditions of u outside our control, we make no warranties, express or implied no liability in connection with any use of this information.	ion of alter the se are

Chemical pH	NA
Container Type	
Container Pressure Code	
Temperature Code	4
Product State Code	L
SECTION IV - Fire and Explosion Hazard D	ata
Flash Point Method	NA
Lower Explosion Limit	0.9
Upper Explosion Limit	12.8
Extinguishing Media	DRY CHEMICAL, FOAM, WATER FOG
Special Fire Fighting Procedures	EVACUATE AREA AND FIGHT FIRE FROM A SAFE DISTANCE. CLOSED CONTAINERS MAY BURST WHEN EXPOSED TO EXTREME HEAT.
Unusual Fire/Explosion Hazards	FLASH POINT IS LESS THAN 20 F. EXTREMELY FLAMMABLE LIQUID AND VAPOR! WATER SPRAY MAY BE INEFFECTIVE. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT DUE TO BUILDUP OF STEAM. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. VAPORS MAY FROM EXPLOSIVE MIXTURES WITH AIR. VAPORS CAN TRAVEL TO A SOURCE OF IGNITION AND FLASH BACK. KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS AND OPEN FLAME. PERFORATION OF THE PRESSURIZED CONTAINER MAY CAUSE BURST
SECTION V - Reactivity Data	
Stability	
	AVOID TEMPERATURES ABOVE 120 F. AVOID ALL POSSIBLE SOURCES OF IGNITION.
Materials to Avoid	INCOMPATIBLE WITH STRONG OXIDIZING AGENTS, STRONG ACIDS AND STRONG ALKALIES.
Hazardous Decomposition Products	THERMAL - CARBON MONOXIDE AND CARBON DIOXIDE. WHEN HEATED TO DECOMPOSITION IT EMITS ACRID SMOKE AND IRRITATING FUMES.
Hazardous Polymerization	NO
Polymerization Conditions to Avoid	WILL NOT OCCUR UNDER NORMAL CONDITIONS
SECTION VI - Health Hazard Data	
Route of Entry: Skin	YES
Route of Entry: Ingestion	
Route of Entry: Inhalation	
Health Hazards - Acute and Chronic	

Material Safety Data Sheet

[Home] [Manufacturer] [Part Number] [NSN] [Help]

SECTION I - Material Identity

Item Name	2826 830 BLUE - QUICK COLOR SPRAY PAINT (AEROSOL)
Part Number/Trade Name	2826 830 BLUE - QUICK COLOR SPRAY PAINT (AEROSOL)
National Stock Number	8010P2826
CAGE Code	08882

SECTION II - Manufacturer's Information

Manufacturer Name RUST-OLEUM CORP
P.O. Box
Street 11 HAWTHORN PKWY
City VERNON HILLS
State IL
CountryUS
Zip Code 60061-1583
Emergency Phone
Information Phone

MSDS Preparer's Information

Date MSDS Prepared/Revised	07AUG98
Date of Technical Review	01FEB93
Active Indicator	Y

Alternate Vendors

SECTION III - Physical/Chemical Characteristics

Appearance/Odor	BLUE AEROSOL PAINT (LIQUID, SOLVENT LIKE ODOR)
Boiling Point	-34 TO 336F
Melting Point	NR
Vapor Pressure	ND
Vapor Density	> AIR
Specific Gravity	1.0664
Evaporation Rate	> ETHER
Solubility in Water	SLIGHT

SLIGHT SKIN IRRITATION. PROLONGED OR REPEATED CONTACT MAY CAUSE SKIN IRRITAITON. MAY BE HARMFUL IF ABSORBED THROUGH THE SKIN. [INHAL] HARMFUL, HIGH GAS, VAPOR, MIST OR DUST CONCENTRATIONS MAY BE HARMFUL IF INHALED. AVOID BREATHING VAPORS OR MISTS.

Carcinogenity: NTP..... NO Carcinogenity: IARC..... NO Carcinogenity: OSHA.................NO Explanation of Carcinogenity..... NONE

Symptoms of Overexposure...... SEE ABOVE AND BELOW [INHAL] IRRITATING TO THE EYES, NOSE, THROAT AND LUNGS. [INGEST] SUBSTANCE MAY BE HARMFUL IF SWALLOWED.

ASPIRATION HAZARD IF SWALLOWED; CAN ENTER

LUNGS AND CAUSE DAMAGE.

Medical Cond. Aggrevated by Exposure.... LIVER, KIDNEY, LUNGS

Emergency/First Aid Procedures..... [EYE] LIFT LIDS AND FLUSH WITH PLENTY OF WATER FOR AT LEASE 15 MINUTES. GET MED

ATTEN [SKIN] WASH WITH SOAP AND WATER. GET MED ATTENTION IF IRRITATION DEVOPS OR PERSISTS [INHAL] IF YOU EXPERIENCE DIFFICULTY IN BREATHING, LEAVE THE AREA TO OBTAIN FRESH AIR. IF CONTINUED DIFFICULTY IS EXPERIENCED, GET MED ASSISTANCE IMMEDIATELY. [INGEST] ASPIRATION HAZARD: DO NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH BECAUSE THIS MATERIAL CAN ENTER THE LUNGS AND CAUSE SEVERE LUNG DAMAGE. GET IMMEDIATE MEDICAL ATTENTION.

SECTION VII - Precautions for Safe Handling and Use

Steps if Material Released/Spilled..... EVACUATE THE AREA, REMOVE ALL SOURCES OF IGNITION AND VENTILATE WELL. CONTAIN SPILLED LIQUID WITH SAND OR EARTH. DO NOT USE COMBUSTIBLE MATERIALS SUCH AS SAWDUST. REMOVE ALL SOURCES OF IGNITION, VENTILATE AREA AND REMOVE WITH INERT ABSORBENT AND NON-SPARKING TOOLS. DISPOSE OF ACCORDING TO LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS. Neutralizing Agent...... NR

Waste Disposal Method...... DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, & FEDERAL REGULATIONS. DO NOT ALLOW

TO ENTER STORM DRAINS OR SEWERS.

Handling and Storage Precautions..... KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE

FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS AND OPEN FLAME. DO NOT STORE ABOVE 120 DEGREES F. STORE LARGE QUANTITIES IN BUILDINGS DESIGNED AND PROTECTED FOR STORAGE OF NFPA CLASS I FLAMMABLE LIQUIDS.

Other Precautions..... NR

SECTION VIII - Control Measures

Respiratory Protection	NIOSH/MSHA APPROVED AIR PURIFYING RESPIRATOR WITH AN ORGANIC VAPOR CARTRIDGE OR CANISTER MAY BE PERMISSIBLE UNDER CERTAIN CIRCUMSTANCES WHERE AIRBORNE CONCENTRATIONS ARE EXPECTED TO EXCEED PEL.
Ventilation	EXPLOSION PROOF - LOCAL EXHAUST. PREVENT BUILDUPS OF VAPORS.
Protective Gloves	IMPERVIOUS GLOVES - NITRILE OR NEOPRENE
	SAFETY GLASSES TO PROTECT AGAINST SPLASH
Other Protective Equipment	
	REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.
Supplemental Health/Safety Data	N/K
SECTION IX - Label Data	
Protect Eye	NO
Protect Skin	NO
Protect Respiratory	NO
Chronic Indicator	UNKNOWN
Contact Code	UNKNOWN
Fire Code	UNKNOWN
Health Code	UNKNOWN
Donat Coda	
	UNKNOWN
SECTION X - Transportation Data	
SECTION X - Transportation Data SECTION XI - Site Specific/Reporting Ir Volatile Organic Compounds (P/G)	nformation
SECTION X - Transportation Data SECTION XI - Site Specific/Reporting Ir Volatile Organic Compounds (P/G)	nformation 2.7704
SECTION X - Transportation Data SECTION XI - Site Specific/Reporting In Volatile Organic Compounds (P/G) Volatile Organic Compounds (G/L)	nformation 2.7704 332.0015
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SECTION X - Transportation Data SECTION XI - Site Specific/Reporting Ir Volatile Organic Compounds (P/G) Volatile Organic Compounds (G/L) SECTION XII - Ingredients/Identity Information Ingredient #	nformation 2.7704 332.0015 rmation 01
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SECTION X - Transportation Data SECTION XI - Site Specific/Reporting Ir Volatile Organic Compounds (P/G) Volatile Organic Compounds (G/L) SECTION XII - Ingredients/Identity Information Ingredient # Ingredient Name CAS Number	nformation 2.7704 332.0015 rmation 01 2-PROPANONE 67641
SECTION X - Transportation Data SECTION XI - Site Specific/Reporting In Volatile Organic Compounds (P/G) Volatile Organic Compounds (G/L) SECTION XII - Ingredients/Identity Information Ingredient # Ingredient Name CAS Number Proprietary	nformation 2.7704 332.0015 rmation 01 2-PROPANONE 67641 NO
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SECTION X - Transportation Data SECTION XI - Site Specific/Reporting Ir Volatile Organic Compounds (P/G) Volatile Organic Compounds (G/L) SECTION XII - Ingredients/Identity Information Ingredient # Ingredient Name CAS Number Proprietary Percent OSHA PEL	nformation 2.7704 332.0015 rmation 01 2-PROPANONE 67641 NO 35 750 PPM
SECTION X - Transportation Data SECTION XI - Site Specific/Reporting In Volatile Organic Compounds (P/G) Volatile Organic Compounds (G/L) SECTION XII - Ingredients/Identity Information Ingredient # Ingredient Name CAS Number Proprietary Percent OSHA PEL ACGIH TLV	nformation 2.7704 332.0015 rmation 01 2-PROPANONE 67641 NO 35 750 PPM 750 PPM
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SECTION X - Transportation Data SECTION XI - Site Specific/Reporting In Volatile Organic Compounds (P/G) Volatile Organic Compounds (G/L) SECTION XII - Ingredients/Identity Information Ingredient # Ingredient Name Proprietary Percent OSHA PEL ACGIH TLV Ingredient # Ingredient # Ingredient # Ingredient # Ingredient # Ingredient Name CAS Number	nformation 2.7704 332.0015 rmation 01 2-PROPANONE 67641 NO 35 750 PPM 750 PPM 750 PPM 02 *LIQUIFIED PETROLEUM GAS 68476857
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L.I	ACGIH TLV	1000 PPM
E)	Ingredient #	
	Ingredient Name	*COPOLYMER ALKYLD RESIN SOLUTION
	CAS Number	
	Proprietary	NO
	Percent	
اتآا	OSHA PEL ACGIH TLV	
	Ingredient #	
	Ingredient Name	
	CAS Number	1330207
ل_ا	Proprietary	NO
	Percent	
	OSHA PEL	
6770	ACGIH TLVIngredient #	
	Ingredient Name	
(23)	CAS Number	•
	Proprietary	NO
	Percent	5
€	OSHA PEL	
	ACGIH TLVIngredient #	
	Ingredient Name	
	CAS Number	
لتا	Proprietary	NO
(2)	Percent	
	OSHA PEL	
	ACGIH TLVIngredient #	
	Ingredient Name	
	CAS Number	
	Proprietary	NO
	Percent	
· Income	OSHA PEL	
2	ACGIH TLV	
لننا	Ingredient Name	
Π	CAS Number	
	Proprietary	NO
~	Percent	
	OSHA PEL	·
	ACGIH TLV	IU MG/M3
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WASTE INVENTORY AND SAMPLING REPORT



novative recycling and waste services, inc.

June 30, 2004

Jeff Lippert

Mactec Engineering and Consulting, Inc.

46850 Magellan Drive, Suite 190

Novi, MI 48337

Phone: (248) 926-4008

Fax: (248) 926-4009

Re: Was

Waste Inventory and Sampling Report,

Carter Color Coat, Detroit, Michigan

Mactec Project # 3293035111

Dear Mr. Lippert:

Please review the following report of waste inventory and sampling activities conducted by IRWS on April 26th and 27th of this year at the Carter Color Coat, Detroit, Michigan Site.

If you have any questions, comments or require additional information, please contact IRWS, Inc. at (248) 446-5052.

Sincerely,

Lawrence S. Thompson Vice President of Operations

Carter Color Coat Waste Inventory and Sampling Activities

1.0 Introduction:

On April 26th, IRWS, acting as a subcontractor for Mactec, Inc., began, the collection, sampling and cataloging of miscellaneous waste materials located inside the former Carter Color Coat Site. Prior to the initiation of site activities, IRWS conducted a pre-project assessment on April 1, 2004. This assessment served as the basis for estimating project cost and developing site specific health and safety procedures.

2.0 Site Location:

Carter Color Coat is located in an industrial area in Detroit, Michigan. The site is bordered by Piquette Street to the Northwest, Hastings Street to the Northeast, Harper Street to the Southeast, and Saint Antoine to the Southwest (see Appendix A for a map of the site location). One building occupies the majority of the site. The building has six main floors with elevator service rooms located on the roof, or seventh floor.

3.0 Scope of Work:

The Scope of work involved the collection, consolidation, identification, packaging, sampling and characterization of chemical waste materials accumulating on site. The overall project goal is to provide information, which will allow Mactec, and the State of Michigan to solicit comprehensive and comparable bids for the removal of the subject wastes.

The specific scope of work includes the following activities:

- Identify and inventory of all chemical wastes
- Collect, segregate and consolidate chemically and physically compatible waste materials.
- Package or re-package wastes into DOT containers suitable for transportation.
- Obtain samples representative of the various types of chemical waste encountered.
- Complete chemical analysis on selected waste samples.
- Document and report all relevant information obtained during site activities.

General refuse, mercury thermostats, electric lamps, ballast, and RCRA empty aerosol containers located throughout the facility were not included in the waste collection or inventory activities.

4.0 Site Activities:

Initial site activities included the staging of materials and supplies, the formulation of an operational plan and a comprehensive health and safety briefing.

Waste materials in containers, which could be easily moved were collected from throughout the facility and staged near the loading dock. Waste materials which were inventoried and identified but not packaged for transportation include material contained in tanks and pits in SWMU #5,

material contained in the submersion tanks in SWMU #3, material on the floor in SWMU #4, and palletized materials on floor 3 in the area of columns B23 through F26.

Consumer commodity wastes were segregated into groups according to label information and field screening techniques. Compatible waste types were consolidated into DOT authorized packaging ranging in size from a UN1A2 55-gallon drums to UN1H2-5 gallon pails.

For the purpose of this report consumer commodity waste will be defined as chemical materials which can be readily purchased by non-commercial consumers. These types of products typically have detailed health and safety information on the container labels which is utilized in the waste characterization process.

Commodity wastes, which were unique due to their volume or chemistry, industrial products and process related waste (drawing compounds, paint, etc.) were then identified and re-packaged separately into suitable DOT containers.

5.0 Sampling Summary:

Representative samples, and/or waste specific information sufficient to satisfy the waste characterization requirements of 40 CFR 262.11 and Rule 299.9302 were obtained during the packaging and re-packaging activities. Detailed sampling and packaging notes were recorded for each waste container. The Sampling Summary and Waste Inventory is presented in Appendix B.

Twenty-nine (29) separate wastestreams were identified during site activities. Representative samples from twenty-three (23) of the wastestreams were analyzed for various waste characterization parameters. Product information obtained from general product knowledge, the container labels or Material Safety Data Sheets (MSDS's) provided the required information to characterize three (3) wastestreams. The remaining three (3) wastestreams are various types of empty containers.

Product information is presented in the Sampling Summary and Waste Inventory (Appendix B), and in Appendix D which contains pertinent MSDS and label information.

All samples were managed under chain of custody protocol and submitted to Lakeland Analytical Laboratories for chemical analysis on May 25, 2004 (See Appendix C for the Analytical Report).

Each waste container was marked with a number signifying the wastestream. The container number correlates to the sample identification number to the wastestream and the corresponding chemical analysis.

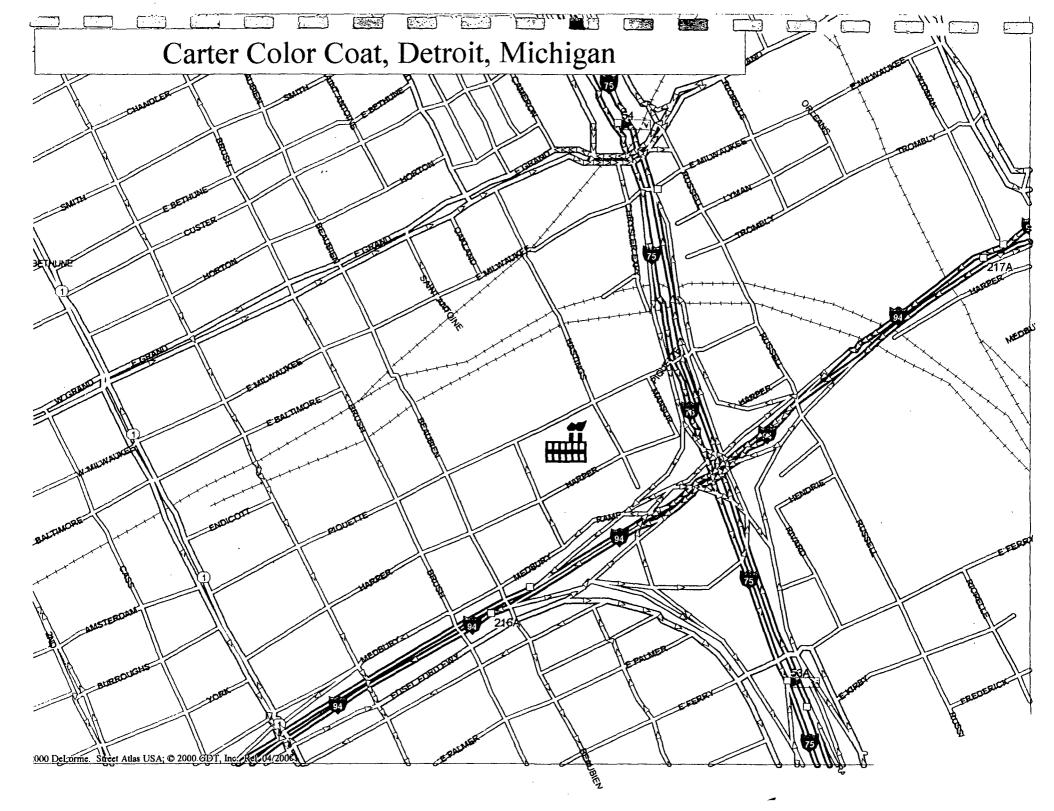
6.0 Project Summary:

Site activities were completed at 11:30 A.M. on April 27, 2004. Ten 55-gallon drums and four 5-gallon pails of waste are staged on site. All DOT authorized packages are in good condition and suitable for transportation. 75 empty 55 gallon drums, 6 empty freon cylinders and 2 empty totes are staged on the East dock.

Waste materials which were inventoried and identified but not packaged for transportation include material contained in tanks and pits in SWMU #5, material contained in the submersion tanks in SWMU #3, material on the floor in SWMU #4, and palletized materials on floor 3 in the area of columns B23 through F26. An inventory of these materials is provided in Appendix B.

APPENDIX A

Map of the Site Location



APPENDIX B

Sampling Summary and Waste Inventory